

**LVTP-7 ASSAULT VEH DISPLAY BOARD HYDRAULIC SYSTEM, DEVICE 16C67/3****TRAINING CATEGORY:**

COMBINED OPERATIONS (Amphibious)

ORIGINATING AGENCY:

MARCORPS

SECURITY CLASIFICATION:

Device 16C67/3 is unclassified.

INTENDED USE:

To provide military personnel with a basic understanding of the operation of the LVTP-7 speed change assembly.

To aid in teaching identification of components involved in the functioning of the system.

FUNCTIONAL DESCRIPTION:

Device 16C67/3 is an animated display panel depicting a stylized diagram of the hydraulic flow operation an animated cutaway view of the converter assembly, a mockup of the speed control unit, and a switching control panel.

The device is designed to provide a simplified interpretation of the sequential steps which occur in the operation of the hydraulic system of the LVTP-7 transmission.

PHYSICAL INFORMATION:

The device consists of an animated display panel, a support stand, a dust cover, a static chart and a maintenance parts kit.

The display panel is approximately 4 feet high by 8 feet long by 6 to 12 inches thick.

The device weighs approximately 200 pounds and will pass through a 79" H x 35" W door opening.

ENVIRONMENTAL CHARACTERISTICS:

The device will not be adversely affected when subjected to temperatures ranging from minus 13 to plus 160 degrees Fahrenheit and humidity up to 95 percent.

POWER REQUIREMENTS:

115 VAC, 60 Hz.

PUBLICATIONS FURNISHED:

Operations and Maintenance Guide (U).

PERSONNEL:

Instructors: One (1)
Trainees: Up to Twenty (20)

CONTRACT IDENTIFICATION:

Manufactured by Ben Lorenz Associates, Inc., under NAVTRASYSCEN Contract No. N61339-71-C-0226.

LOCAL STOCK NUMBER:

6910-LL-C00-1603